

ABC Project Highlights

Project Name: I-15 CORE; Proctor Lane over I-15

Project #/PIN #: MP-I15-6(178)245 / 7037

Year Constructed: 2010

ABC Element(s): Precast Superstructure

Placement Method: Self Propelled Modular Transporters (SPMT)

Contracting Method: Design-Build

Project Description: The I-15 CORE Design-Build project replaced the existing Proctor Lane Bridge with a new structure. The new crossing is a three-span bridge measuring approximately 329 feet long and 69 feet wide. Prestressed concrete beams support a lightweight, cast-in-place concrete deck. Multicolumn pier bents and integral concrete abutments constitute the substructure units, each of which are supported by driven steel piles.

The contractor elected to construct the two spans over I-15 at a temporary location and transport them into their final position using Self Propelled Modular Transporters (SPMT's). Preliminary concepts called for the installation of one span on Saturday night and the installation of the second span on the following night. Through close coordination between the designers and contractors, both spans were placed in a single night. This is the first time that SPMT methods were used to install two spans in a single evening.





